

Amendments to the Claims:

This listing of claims will replace all prior versions and listings, of claims in this application:

Listing of Claims:

1-9 (Withdrawn)

10-14 (Canceled)

15-21. (Withdrawn)

22. (Original) A mold for fabricating a duplicate for an original denture, the mold including:

a flask;

a first flexible mold section;

a second flexible mold section located within the flask, the first and second flexible mold sections forming at least part of a denture mold cavity in which the duplicate of the original denture is molded;

wherein, the first and second flexible mold sections include sloping surfaces extending away from the mold cavity, the sloping surfaces comprising means for aligning the first and second flexible mold sections to form the denture mold cavity.

23. (Original) The mold of claim 22 including a flask in which the first and second mold sections are positioned.

24. (Original) The mold of claim 23 wherein the second mold section comprises a mold base located in a flask base, the first mold section being removable from the flask to expose the mold cavity.

25. (Original) The mold of claim 22 wherein the first mold section comprises a tissue side mold section and the second mold section comprises an exterior side mold section forming the exterior contour of denture teeth and the denture gum section.

26. (Original) The mold of claim 22 wherein the first and second sloping surfaces comprise means for laterally aligning the first and second flexible mold sections without subjecting the first and second mold sections to loads which deform the mold cavity.

27. (Withdrawn)

28 A mold for fabricating a substitute denture having the same external shape as an original denture, the mold comprising:

a first mold section:

a second mold section;

a denture mold cavity, conforming to the external shape of the original denture and defined at least in part by the first and second mold sections formed around the original denture, the first and second mold sections being formed so that the original denture can be removed from the denture mold cavity;

a mold flask including a first flask section matable with a second flask section, the mold being characterized in that the first mold section is located within the first flask section and the second mold section is in engagement with the second flask section, wherein a first flask surface on the first flask section includes an opening through which fluent material can be injected, when the first flask section is mated to the second flask section to solidify in the first flask section, to form a flexible portion of the mold cavity comprising part of the first mold section and wherein the mold remains dimensionally stable so that the mold can be stored for use in fabricating the substitute denture upon loss of, or damage to the original denture, the flask comprising a container for storing the first and second mold sections.

29. The mold of claim 28 wherein the second flask section includes a second opening in a second flask surface through which fluent material can be injected to solidify in the second flask section to form the second mold section.

30. The mold of claim 28 wherein voids in the first and second mold sections are concentrated adjacent flask surfaces through which fluent material can be injected and away from the denture mold cavity so that the mold cavity is defined by relatively smoother surface contours.

31. The mold of claim 28 wherein the first mold section comprises an exterior side mold section and the second mold section comprises a tissue side mold section having a contour conforming to a tissue side of a denture to be fabricated in the mold cavity.

32. The mold of claim 28 wherein the first flask section comprises a base and the second flask section comprises a cover attachable to the base, the volume of the base being sufficient to house the first and second mold sections and the denture mold cavity.

33. The mold of claim 28 wherein both the first and second mold sections comprise flexible mold sections.
34. The mold of claim 28 wherein the first and second mold sections include first and second sloping surfaces extending away from the mold cavity, so that opposing first and second sloping surfaces fit together in mutual registration to align the first and second mold sections to form the denture mold cavity.
35. The mold of claim 34 wherein the first and second sloping surfaces comprise means for laterally aligning first and second flexible mold sections without subjecting the first and second mold sections to loads which deform the mold cavity.
36. A kit for fabricating a mold for using in duplicating an original denture, the kit including:
- a flask comprising a base and a cover
 - the kit being characterized by an opening in at least one of the base or the cover through which a fluent material can be poured when the base and cover are mated;
 - a solid material conformable to one surface on a portion of an original denture and comprising a temporary filler for supporting the original denture in the flask; and
 - a fluent material solidifiable after being poured into the flask through the opening and comprising means for forming a flexible portion of a mold cavity conforming to a portion of the original denture located in the flask
37. The kit of claim 36 wherein the solid material comprises a malleable material removable from the flask after the fluent material solidifies to form a first mold section, and the other of the base and cover also includes an opening through which fluent material can be poured to form a second mold section in the space vacated by removable of the malleable material.